

King County DNRP Water Quality Index

STATION **GRIFFIN** WATER YEAR **2014**

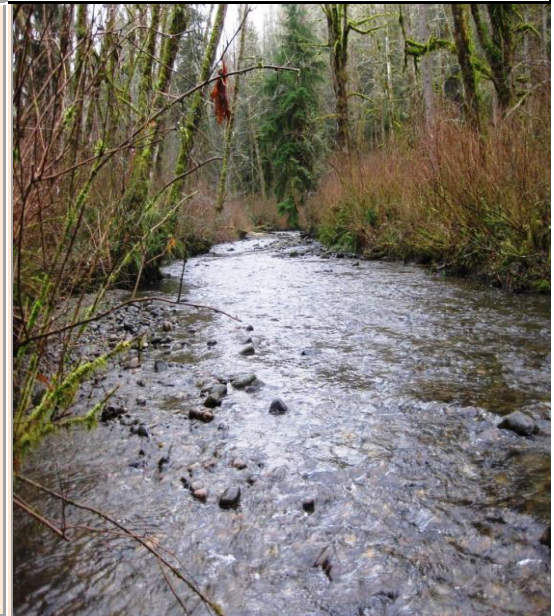
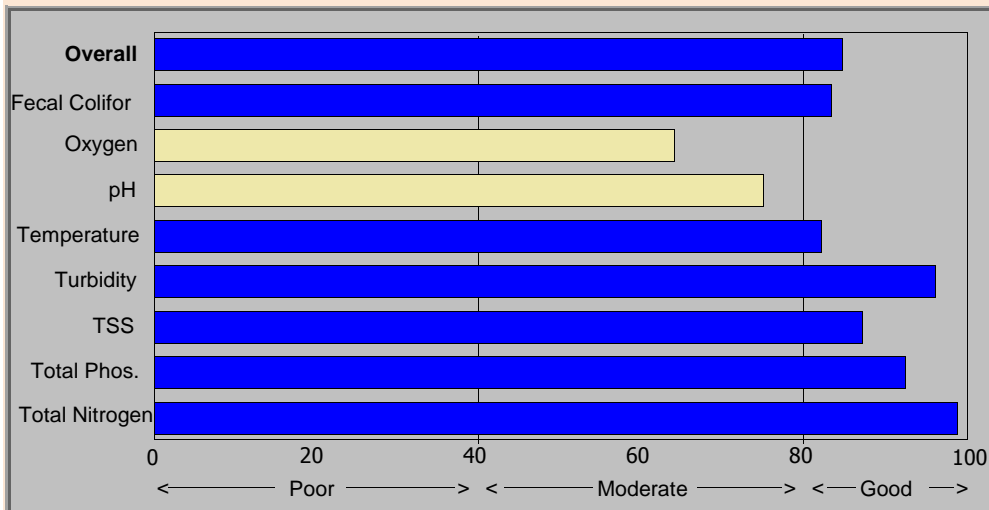
GAUGE # 21B Griffin Creek @ E Griffin Creek Rd SE

Overall Index 85

King County samples water quality in Griffin Creek along E Griffin Creek Rd NE. Monitoring in this location began in 2011. Approximately 74,880 acres of predominantly forested land drain to the sampling location, though substantial amounts of forest has been cleared for timbering and residential development. The lower portion of Griffin Creek that flows through the Snoqualmie Valley floodplain is listed on the Washington Department of Ecology's 303(d) list for impaired waters for bacteria violations (Category 4A). The creek flows for approximately 13 miles before draining into the Snoqualmie River.

Annual Water Quality Index Scores

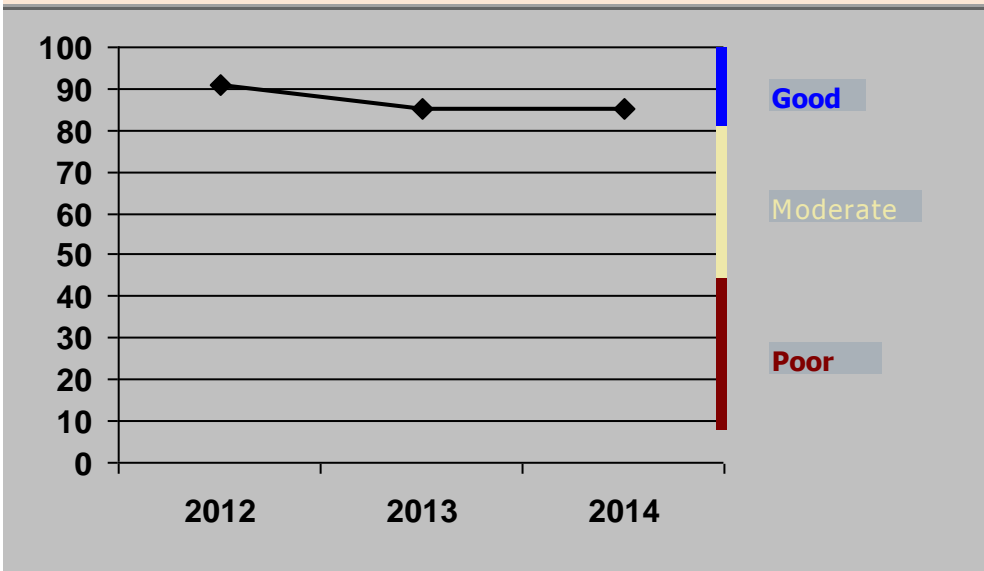
Water quality was GOOD based on data collected 10/1/2013 to 9/30/2014.



Monthly Scores For Water Year 2014

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
99	97	99	99	98	99	97	76	92	93	93	87

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <http://green.kingcounty.gov/WLR/Waterres/StreamsData/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>